

Amendment to the Claims:

Applicant selectively amends the claims as follows:

- 1 1. (Currently Amended) A modular server system, comprising:
2 a midplane having a system management bus and a plurality of blade interfaces on the
3 midplane, wherein the blade interfaces are in electrical communication with each other;
4 a server blade inserted into one of the plurality of blade interfaces on the midplane, the
5 server blade having a server blade system management bus in electrical communication with the
6 system management bus of the midplane to monitor the midplane and one or more blades
7 received and coupled to the blade interfaces on the midplane, and a network interface to connect
8 to a network; and
9 a media blade inserted into one of the plurality of blade interfaces on the midplane, the
10 media blade having at least one media device.
- 1 2. (Previously Presented) The system according to claim 1, further including a power supply
2 module inserted into the midplane to provide power to the modular server system.
- 1 3. (Previously Presented) The system according to claim 1, further including a cooling fan
2 module coupled to the modular server system to cool the modular server system.
- 1 4. (Previously Presented) The system according to claim 1, further including at least one switch
2 blade inserted into the midplane adapted to perform network switching.

- 1 5. (Original) The system according to claim 1, wherein the midplane is a CompactPCI form
2 factor.
- 1 6. (Canceled).
- 1 7. (Original) The system according to claim 1, further including a chassis to house the midplane,
2 the server blade, and the media blade.
- 1 8. (Original) The system according to claim 1, wherein the server blade and the media blade are
2 adapted to be hot swapped.
- 1 9. (Original) The system according to claim 1, wherein the server blade and the media blade in
2 combination form an individual server system.
- 1 10. (Original) The system according to claim 1, wherein the network interface is an Ethernet
2 connector jack.
- 1 11. (Original) The system according to claim 1, wherein the media device is selected from the
2 group consisting of a storage medium device, a graphics processing device, an audio processing
3 device, and a streaming media processing device.
- 1 12. (Currently Amended) A modular server system, comprising:

2 a midplane having a system management bus, a first side, a second side, and a plurality of
3 blade interfaces on the first side and the second side, wherein the blade interfaces on the first side
4 are in electrical communication with the blade interfaces on the second side;

5 a plurality of server blades each inserted into one of the plurality of blade interfaces on
6 the first side of the midplane, the server blades each having a server blade system management
7 bus in electrical communication with the system management bus of the midplane to monitor the
8 the midplane and one or more blades received and coupled to the blade interfaces on the
9 midplane, and a network interface to connect to a network;

10 a plurality of media blades each inserted into one of the plurality of blade interfaces on
11 the second side of the midplane, the media blades each having at least one storage medium
12 device;

13 a power supply module inserted into the midplane to provide power to the modular server
14 system;

15 a cooling fan module coupled to the modular server system to cool the modular server
16 system; and

17 a chassis to house the midplane, the server blades, the media blades, the power supply
18 module, and the cooling fan module.

1 13. (Previously Presented) The system according to claim 12, further including at least one
2 switch blade inserted into the midplane adapted to perform network switching between any
3 number of the server blades installed in the system.

1 14. (Original) The system according to claim 12, wherein the midplane is a CompactPCI form
2 factor.

1 15. (Original) The system according to claim 12, wherein the storage medium device is a hard
2 disk drive.

1 16. (Original) The system according to claim 12, wherein the server blades and the media blades
2 are adapted to be hot swapped.

1 17. (Original) The system according to claim 12, wherein at least one of the server blades and at
2 least one of the media blades in combination form an individual server system.

1 18. (Original) The system according to claim 12, wherein the network interface is an Ethernet
2 connector jack.

1 19. (Currently Amended) A modular server system, comprising:
2 a midplane having a system management bus, a first side, a second side, and a plurality of
3 blade interfaces on the first side and the second side, wherein the blade interfaces on the first side
4 are in electrical communication with the blade interfaces on the second side;
5 a server blade inserted into one of the plurality of blade interfaces on the first side of the
6 midplane, the server blade having a server blade system management bus in electrical
7 communication with the system management bus of the midplane to monitor the midplane and

8 one or more blades received and coupled to the blade interfaces on the midplane, and a network
9 interface to connect to a network;

10 a media blade inserted into one of the plurality of blade interfaces on the second side of
11 the midplane, the media blade having at least one storage medium device;

12 a second server blade inserted into one of the plurality of blade interfaces on the first side
13 of the midplane, the second server blade having a second server blade system management bus in
14 electrical communication with the system management bus of the midplane, and a second
15 network interface to connect to the network

16 a second media blade inserted into one of the plurality of blade interfaces on the second
17 side of the midplane, the second media blade having at least one second storage medium device;

18 a power supply module inserted into the midplane to provide power to the modular server
19 system;

20 a cooling fan module coupled to the modular server system to cool the modular server
21 system; and

22 a chassis to house the midplane, the server blade, the media blade, the second server
23 blade, the second media blade, the power supply module, and the cooling fan module, wherein
24 the server blade, the media blade, the second server blade, and the second media blade share
25 power from the power supply module and share cooling from the cooling fan module.

1 20. (Previously Presented) The system according to claim 19, further including at least two
2 switch blades each inserted into the midplane adapted to perform network switching.

1 21. (Original) The system according to claim 19, wherein the midplane is a CompactPCI form
2 factor.

1 22. (Original) The system according to claim 19, wherein the storage medium device and the
2 second storage medium device are hard disk drives.

1 23. (Original) The system according to claim 19, wherein the server blade, the media blade, the
2 second server blade, and the second media blade are adapted to be hot swapped.

1 24. (Original) The system according to claim 19, wherein the server blade and the media blade in
2 combination form an individual server system.

1 25. (Original) The system according to claim 19, wherein the second server blade and the second
2 media blade in combination form an individual server system.

1 26. (Original) The system according to claim 19, wherein the server blade, the second server
2 blade, and the media blade in combination form two individual server systems.

1 27. (Original) The system according to claim 19, wherein the server blade, the media blade, and
2 the second media blade in combination form an individual server system.

1 28. (Original) The system according to claim 19, wherein the network interface and the second
2 network interface are Ethernet connector jacks.

1 29. (Previously Presented) The system according to claim 11, wherein the storage medium
2 device is a hard disk drive.

1 30. (Currently Amended) A modular server system, comprising:
2 a midplane including a system management bus and a plurality of blade slots, wherein the
3 blade slots receive and couple blades in communication with each other; and
4 a slot from among the plurality of blade slots, the slot adapted to receive a server blade
5 including a system management bus, and to couple the server blade system management bus in
6 communication with the midplane system management bus to enable the server blade to monitor
7 the midplane and one or more blades received and coupled to the blade slots on the midplane.

1 31. (Previously Presented) The system according to claim 30, wherein the plurality of blades
2 slots are adapted to hot swap blades.

1 32. (Previously Presented) The system according to claim 30 further comprising:
2 another slot from among the plurality of blade slots to receive a media blade having at
3 least one media device, wherein the other slot is adapted to couple in communication the media
4 blade to a server blade to form an individual server system.

1 33. (New) The system according to claim 30, wherein to monitor comprises monitoring voltages
2 and temperatures.

1 34. (New) The system according to claim 33, wherein to monitor further comprises tripping an
2 alarm if one of a voltage or a temperature threshold is exceeded.

1 35. (New) The system according to claim 1, wherein to monitor comprises monitoring voltages
2 and temperatures.

1 36. (New) The system according to claim 35, wherein to monitor further comprises tripping an
2 alarm if one of a voltage or a temperature threshold is exceeded.